

Turbidity by Nephelometric Method SM 18th, 19th, 20th 2130 B						Page 1 of 1
Facility Name: _____ VELAP ID: _____						
Assessor Name: _____ Analyst Name: _____ Inspection Date: _____						
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments	
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____						
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____						
Is the instrument calibrated according to manufacturer's instructions?	SM 2130B.4.a					
Is the instrument calibrated using laboratory-prepared Formazin solution or commercially available standards?	SM 2130B.3.d					
If using laboratory-prepared standards, are stock solutions prepared monthly per 18 th or annually per 19 th , 20 th and are working standards prepared daily?	SM 2130B.3.b.4 SM 2130B.3.c					
Are sample tubes clean and free of scratches or etching?	SM 2130B.2.b					
Are sample cells never handled where the light strikes them?	SM 2130B.2.b					
Is dilution water prepared by filtering laboratory reagent grade water through a filter with 0.2 µm pore size, or is low-turbidity commercially bottled water used?	SM 2130B.3.a					
Are the sample tubes filled with standards and samples that have been shaken, allowing sufficient time for bubbles to escape?	SM 2130B.2.b SM 2130B.4.b					
18 th Ed. only: For samples with turbidity above 40 NTU, are samples diluted until turbidity is 40 NTU or less, and is the turbidity of the sample calculated using the dilution factor?	SM 2130B.4.c					
From 20 th Ed. Are samples reported as: 0-1.0 to nearest 0.05 1-10. to 0.1 10-40 to 1 40-100 to 5 100-400 to 10 400-1000 to 50 >1000 to 100	SM 20 th 2130B.5					
Notes/ Comments:						